

4 TERMINAL 3A OUTPUT LOW DROP VOLTAGE REGULATOR

The KIA378R×× Series are Low Drop Voltage Regulator suitable for various electronic equipments. It provides constant voltage power source with TO-220 4 terminal lead full molded PKG. The Regulator has multi function such as over current protection, overheat protection and ON/OFF control.

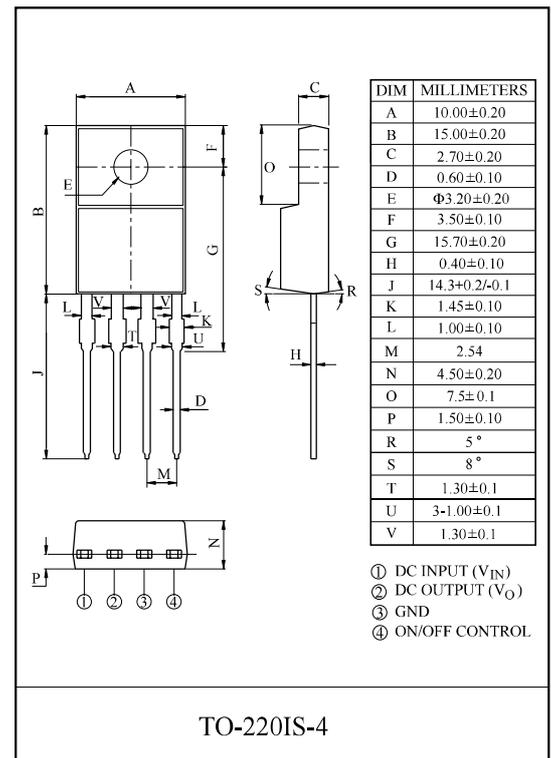
FEATURES

- 3.0A Output Low Drop Voltage Regulator.
- Built in ON/OFF Control Terminal.
- Built in Over Current Protection, Over Heat Protection Function.

LINE UP

ITEM	OUTPUT VOLTAGE (Typ.)	UNIT
* KIA378R05PI	5	V
* KIA378R06PI	6	
* KIA378R08PI	8	
* KIA378R09PI	9	
* KIA378R10PI	10	
* KIA378R12PI	12	
* KIA378R15PI	15	

Note) * : Under Development.



MAXIMUM RATING (Ta=25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT	Remark
Input Voltage	V _{IN}	35	V	-
ON/OFF Control Voltage	V _C	35	V	-
Output Current	I _O	3	A	-
Power Dissipation 1	P _{d1}	1.5	W	No heatsink
Power Dissipation 2	P _{d2}	15	W	with heatsink
Junction Temperature	T _j	125	°C	-
Operating Temperature	T _{opr}	-20 ~ 80	°C	-
Storage Temperature	T _{stg}	-30 ~ 125	°C	-
Soldering Temperature (10sec)	T _{sol}	260	°C	-